FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to http://www.srh.noaa.gov and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Saturday, June 13, 2015

Issued: 0800 CT

Day 1 Hazards: ***Slight risk of severe thunderstorms over E NM, W TX***
Flash flood threat from far NW TX into western/northern OK
Locally heavy rainfall over SE TX/SW LA may produce localized flash flooding

Continuing Hazards: ***Major river flooding ongoing along the Red River in NW LA and at Liberty on the Trinity River in SE TX***

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Prepared by: Mark Wiley
817-978-1100 x 147

Key Points

Today

- Slight Risk of severe thunderstorms west TX into eastern NM
  - Damaging winds/hail are the primary threats
- Heavy rain and areas of flash flooding possible from far NW TX into western/northern OK
- Heavy rain with localized flash flooding over SE TX and southern LA

Sunday – Monday

- Heavy rainfall/flash flooding threat will continue over areas of western/northern OK, TX Panhandle
- Heavy rain threat continues over SE TX/S LA on Sunday/Monday and may be enhanced later Monday as additional tropical moisture moves into the area

Tuesday-Wednesday

- Heavy rain/flash flooding threat continues over SE/E TX and S/W LA on Tuesday
- Heavy rain threat shifts into NE TX, E OK and W AR on Wednesday

River Flooding

- Red River in NW LA still rising as water moves down towards the Gulf; crest in Shreveport will be very slow to recede, crest occurred near Coushatta Thursday and to occur at Grand Ecore today
- Forecast heavy rainfall amounts over the Panhandles/W OK at the headwaters of the Red River may lead to additional rises on the Red River in Texas and Oklahoma
- Ongoing river flooding along the Trinity, Sabine, Neches, Lower Brazos and the Nueces Rivers in TX may be impacted by additional tropical moisture and areas of heavy rainfall early/mid week

Key Points

Tropical Outlook

- **Showers and thunderstorms have increased across the northwestern Caribbean Sea and adjacent land areas in association with a trough of low pressure that has recently formed at the surface. This system is expected to move across the Yucatan Peninsula later today and into the SW Gulf of Mexico by late Sunday. Environmental conditions could support slow development of this system during the next few days while it moves generally northwestward towards TX/LA.**
- **Formation chance through 48 hours is low at 20 percent**
- **Formation chance through 5 days is low at 30 percent**
- **Main impacts to FEMA 6 appear to be enhanced heavy rainfall/flash flooding threat Monday into Tuesday from the TX Coastal Bend into S LA and then shifting northward on Wednesday into NE TX, E OK, W AR**
- **Carlos in the E Pacific will have no impacts to FEMA Region 6**

*FEMA Region 6 Threat Matrix

Jun 13, 2015 - Jun 17, 2015

DAY/ THREAT	SAT	SUN	MON	TUE	WED
Severe Storms	E NM, W TX	OK, E NM, W TX	N OK, N AR		
Heavy Rain /Flash Flooding	W/N OK, Far NW TX SE TX, S LA	W/N OK, SE TX, S LA	TX/OK Panhandles, W/N OK, SE TX, S LA	TX/LA coasts, E TX	E OK, W AR
Fire					
Tropical			TX/LA coasts?	TX/LA coasts?	
River Flooding	SE TX, NW LA →				

- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

We are experimenting with a new color scale to the left as of April 13th. Please provide feedback to sr-srh.roc@noaa.gov. See next slide for more details.

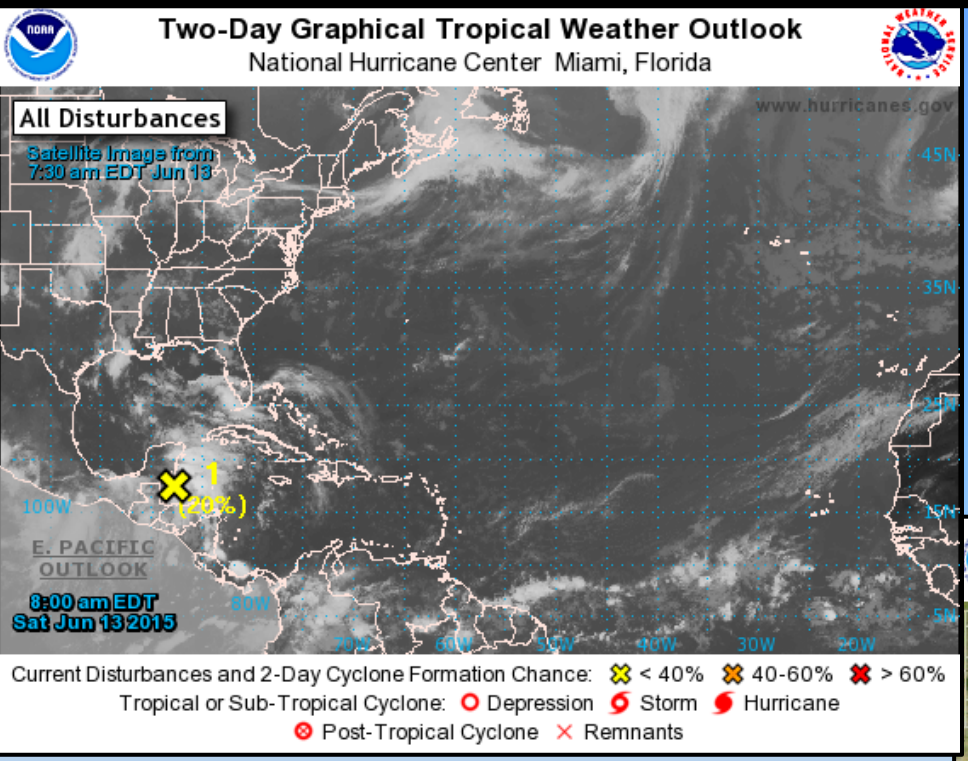
NATIONAL WEATHER SERVICE
U.S. DEPARTMENT OF COMMERCE-NOAA

We are experimenting with a new color scale in these briefings, starting on April 13th. The criteria is below, please provide your feedback to sr-srh.roc@noaa.gov and we plan to re-evaluate in the coming months.

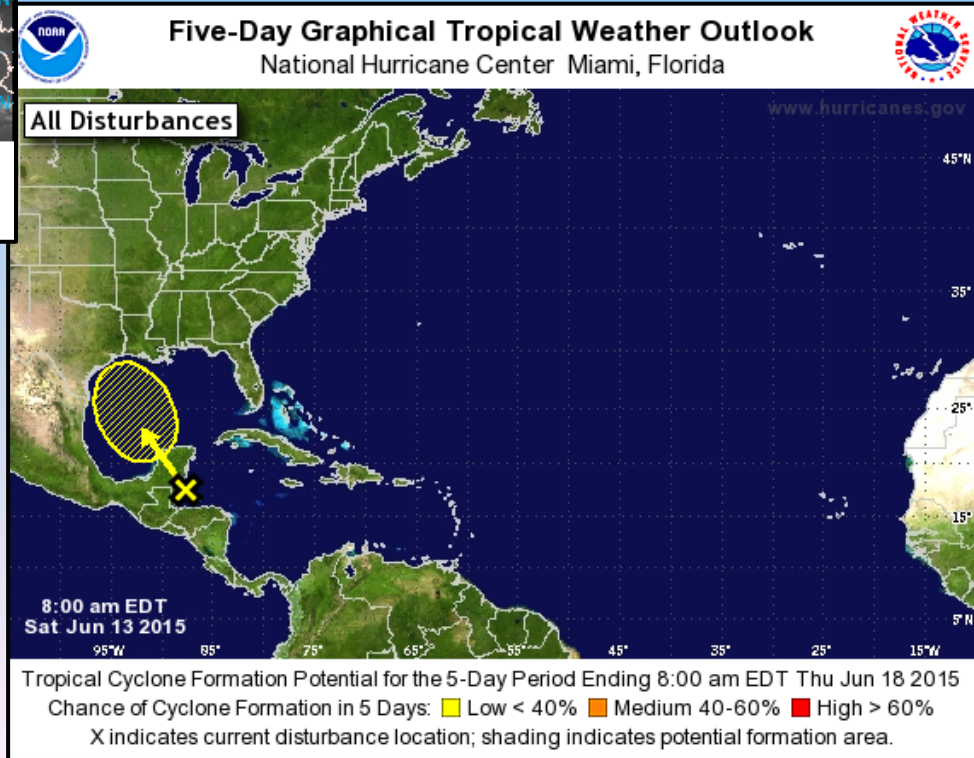
Weather "Threat" Matrix

Color	Definition	Criteria	Example(s)
Green	**Very Common – Happens Often** Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	• Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees • Something that happens almost every day in a particular season such as seabreeze storms in coastal TX
Yellow	**Common – Happens Frequently** Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline	• 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible • Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	**Uncommon – A Few Times a Year** Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline	• A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely • Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail
Red	**Rare – Once every 1-5 Years** Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline	• A Category 1 hurricane will be moving towards the NW Gulf in the next few days • Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail
Purple	**Very Rare – Once Every 5-10 Years** Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline	• A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow • Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

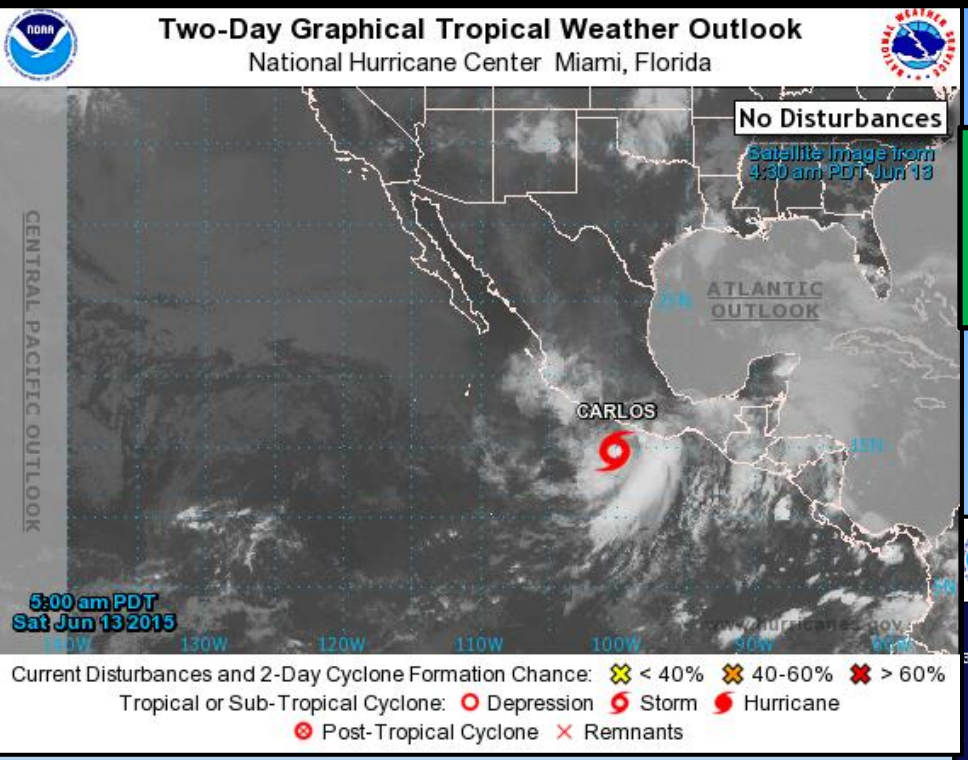
Atlantic/Gulf Tropical Weather Outlook



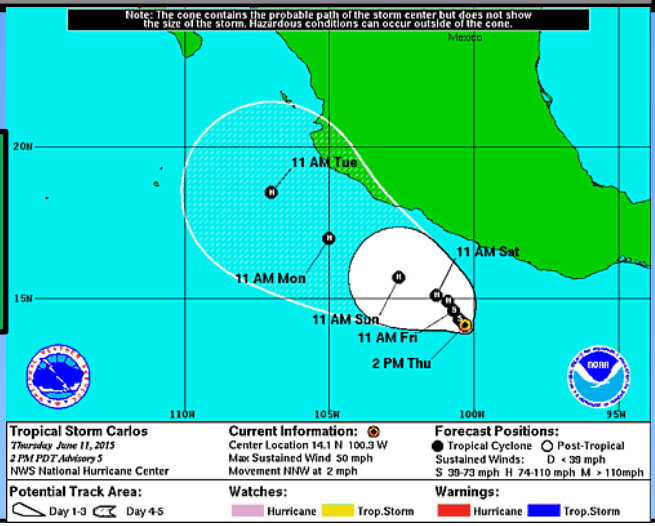
Showers and thunderstorms have increased across the northwestern Caribbean Sea and adjacent land areas in association with a trough of low pressure that has recently formed at the surface. This system is expected to move across the Yucatan Peninsula later today and into the SW Gulf of Mexico by late Sunday. Environmental conditions could support slow development of this system during the next few days while it moves generally northwestward.
Formation chance through 48 hours is low at 20 percent
Formation chance through 5 days is low at 30 percent

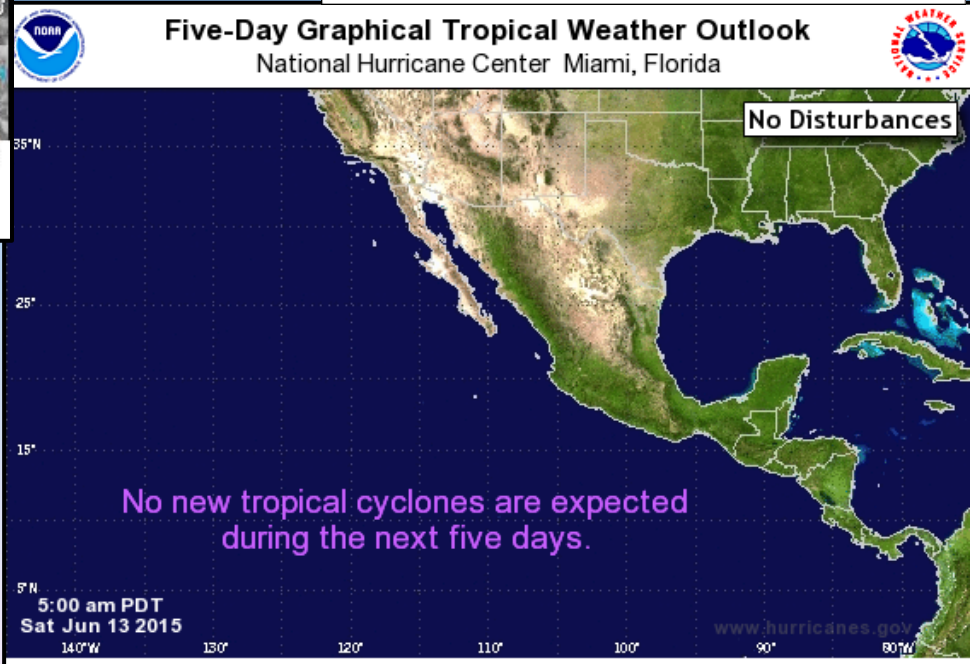


Eastern Pacific Tropical Weather Outlook



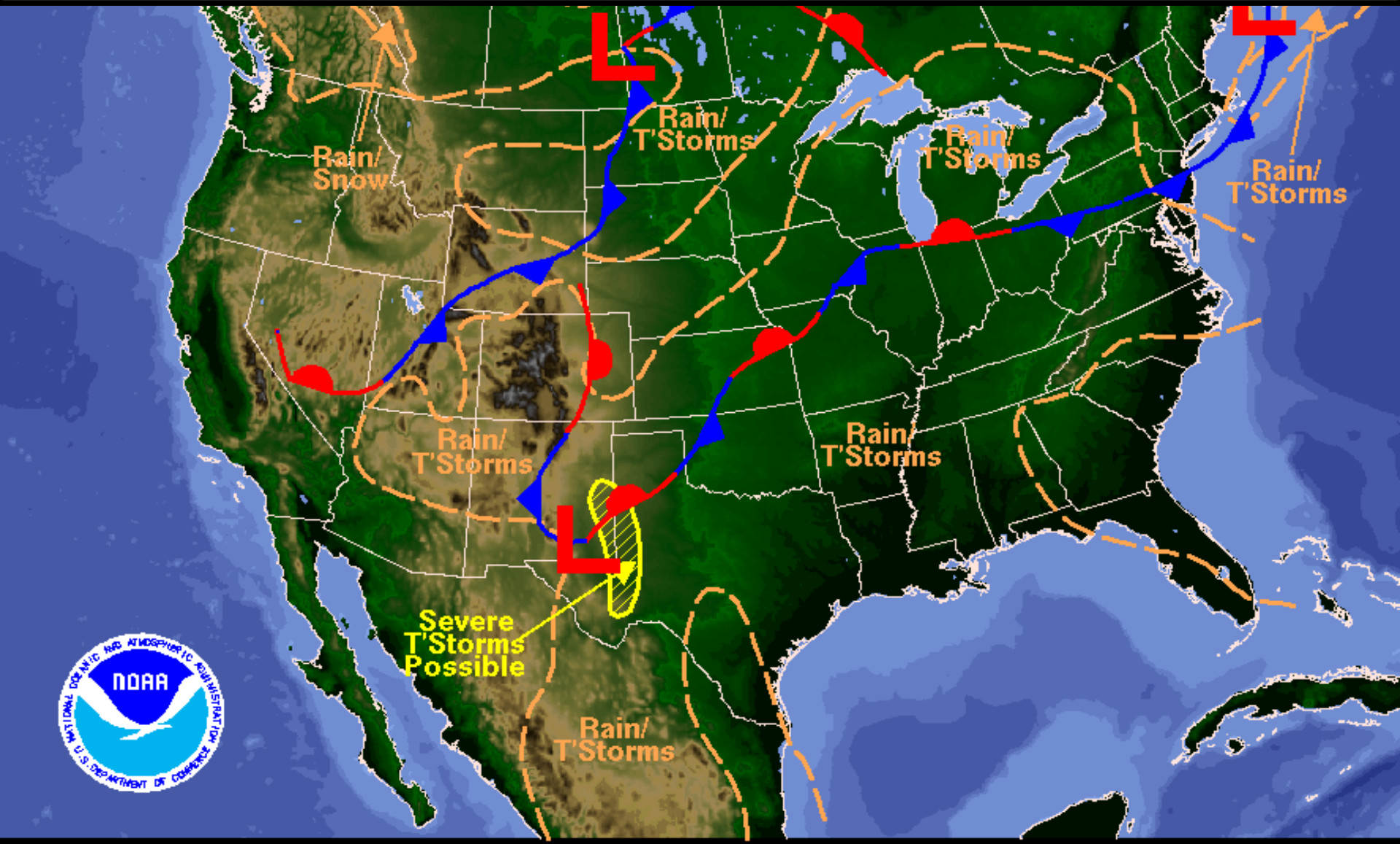
No Impacts to FEMA Region 6 from Carlos



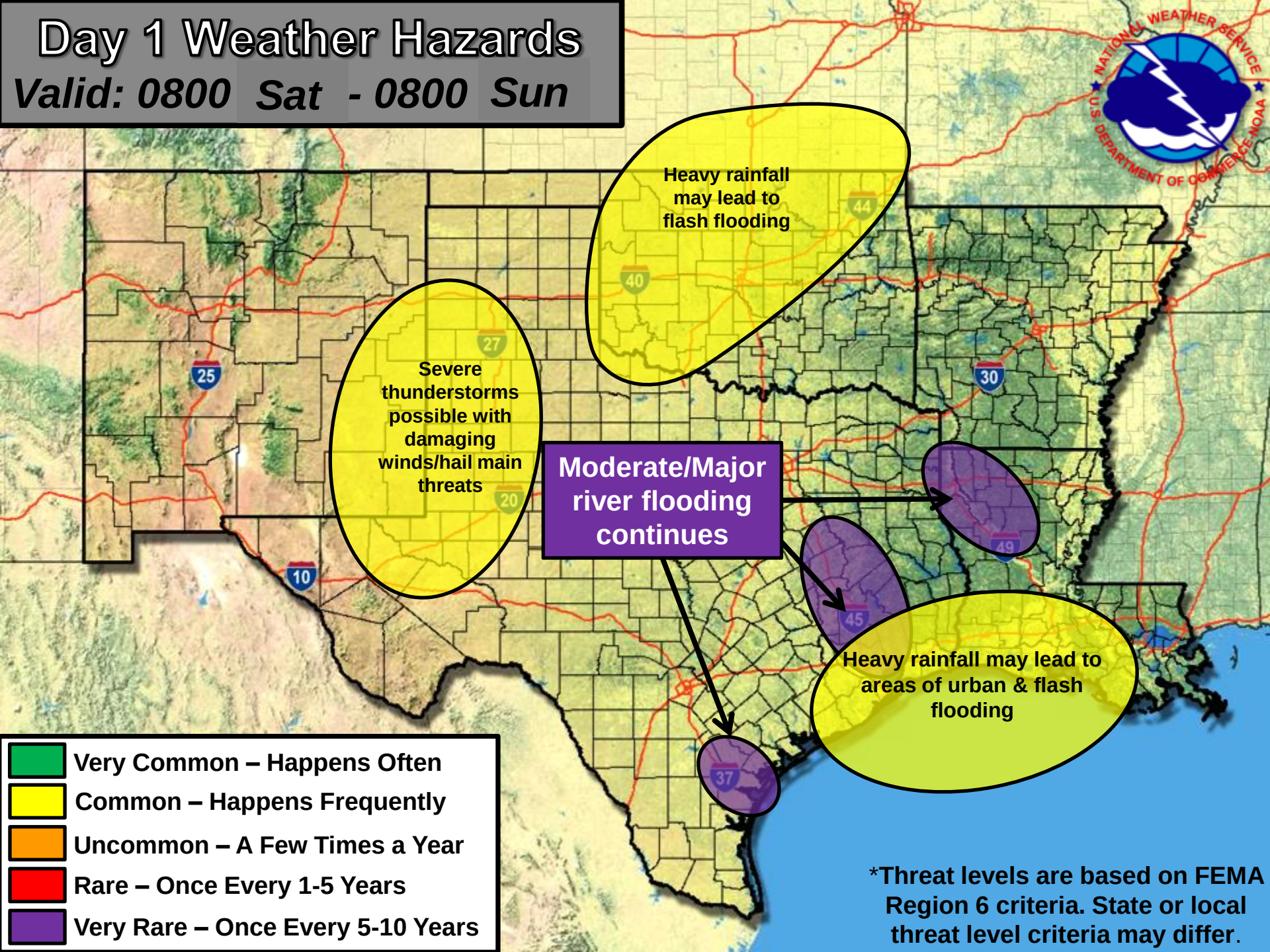


Additional tropical cyclone formation is not expected over the next 5 days

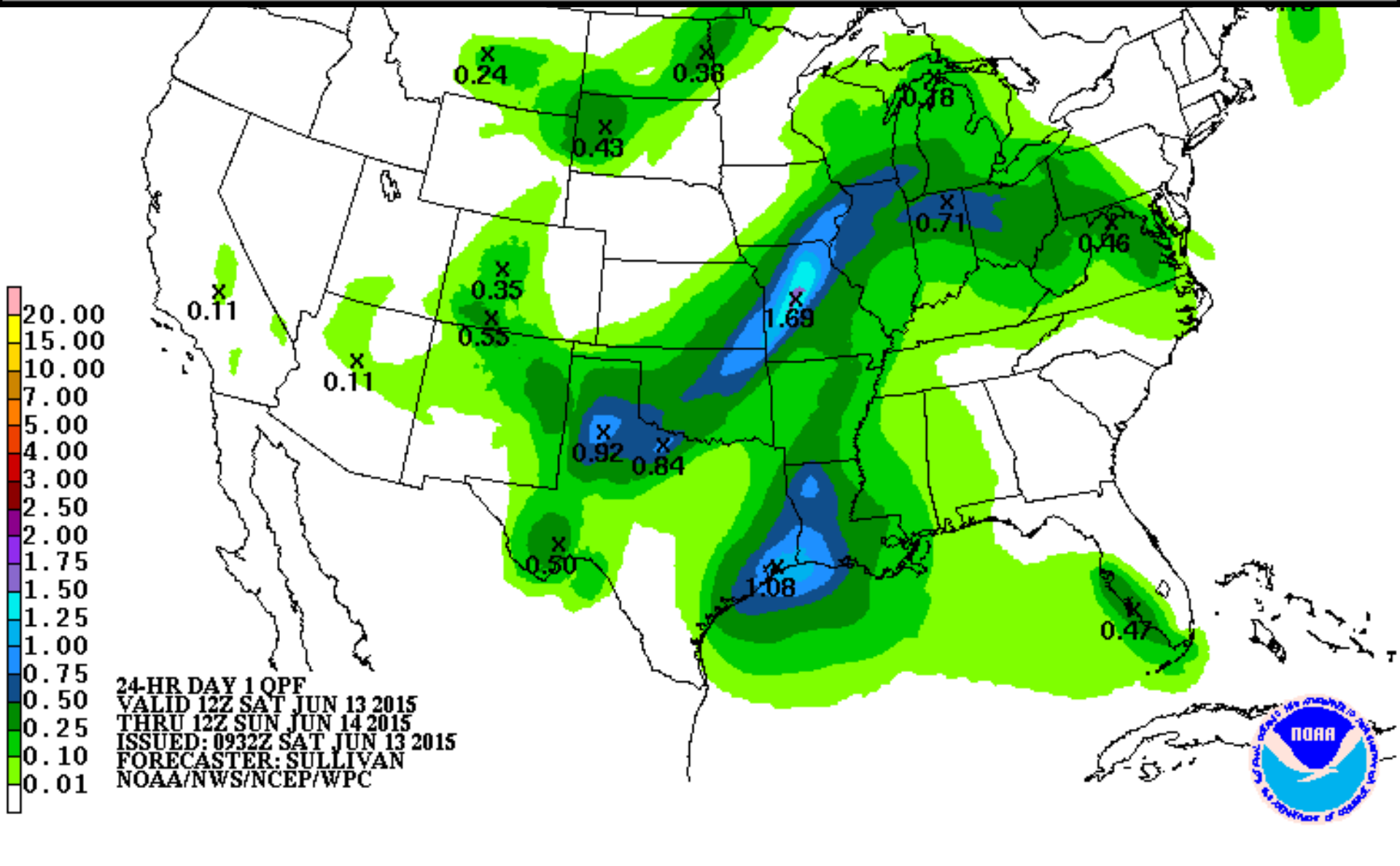
Today's Weather



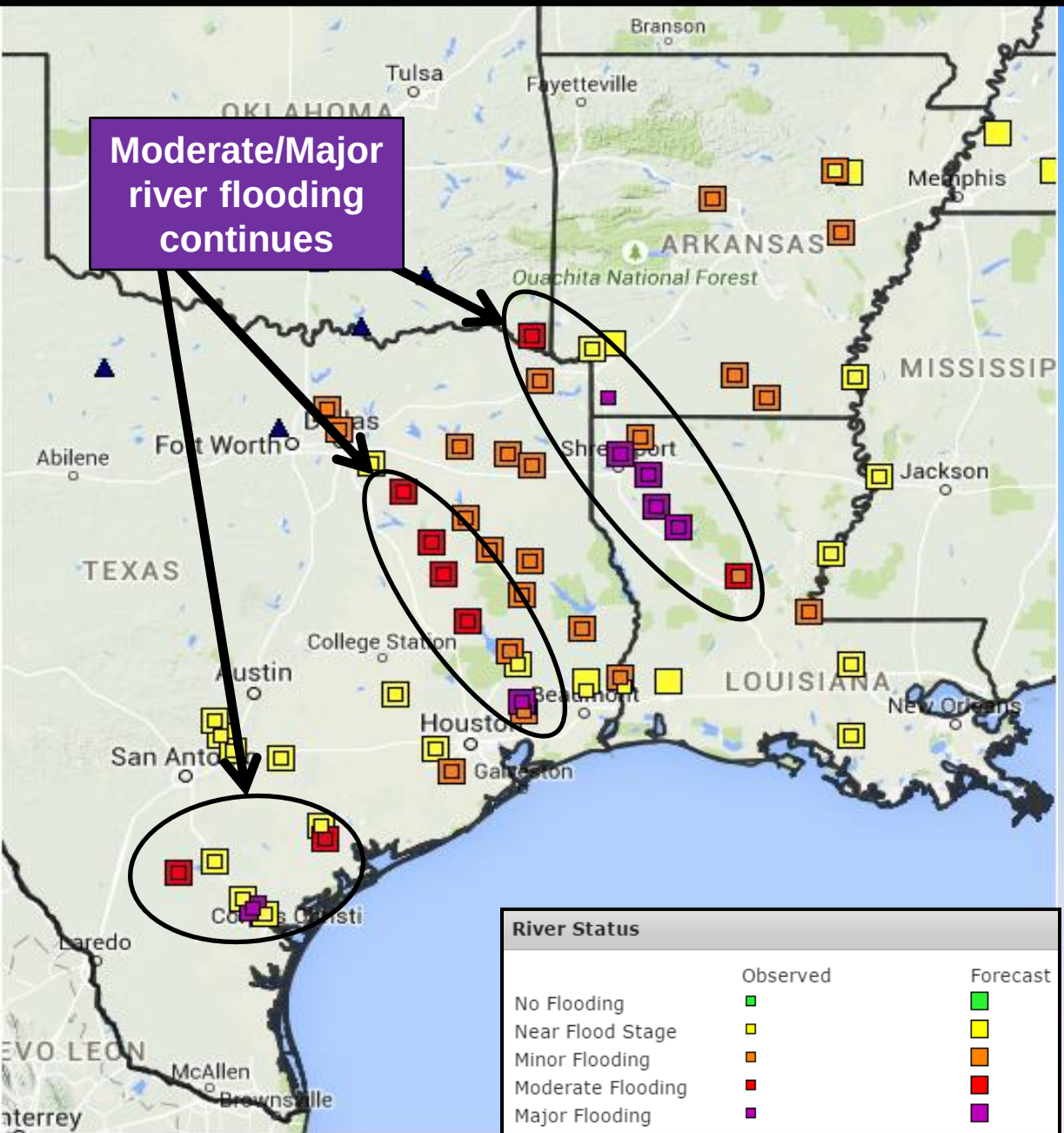
Weather Forecast for Sat, Jun 13, 2015, issued 4:11 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Santorelli based on WPC, SPC and NHC forecasts


Day 1 Weather Hazards
Valid: 0800 Sat - 0800 Sun
NATIONAL WEATHER SERVICE
U.S. DEPARTMENT OF COMMERCE-NOAA
Heavy rainfall may lead to flash flooding
Severe thunderstorms possible with damaging winds/hail main threats
Moderate/Major river flooding continues
Heavy rainfall may lead to areas of urban & flash flooding
Very Common – Happens Often
Common – Happens Frequently
Uncommon – A Few Times a Year
Rare – Once Every 1-5 Years
Very Rare – Once Every 5-10 Years
*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

Today's Precipitation
Sat AM - Sun AM



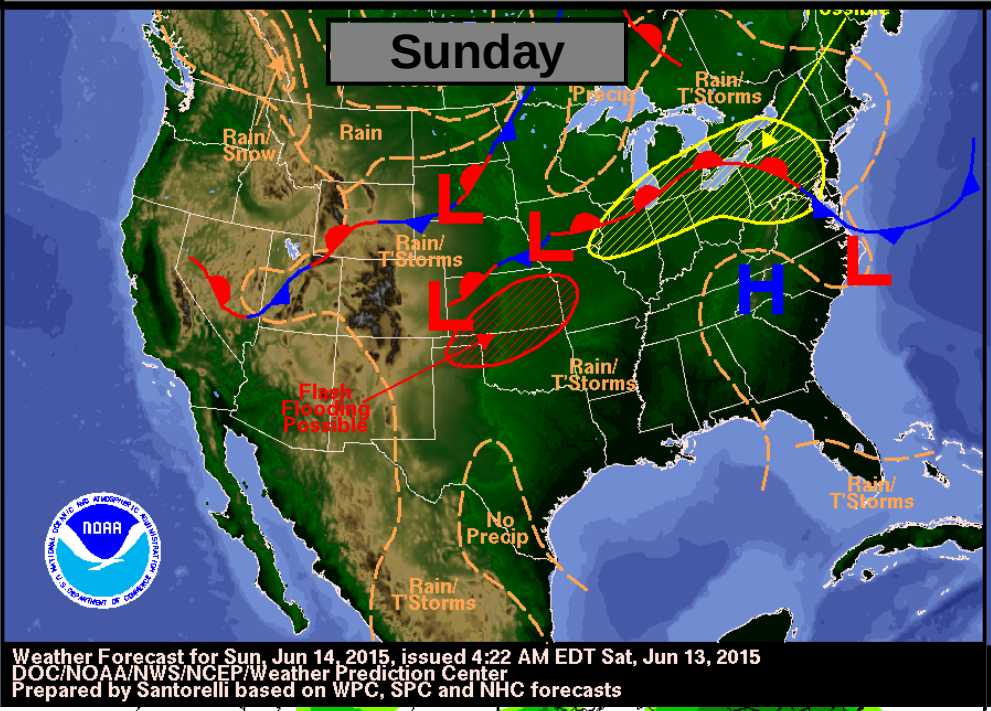
Current River Status / Near Term Forecast



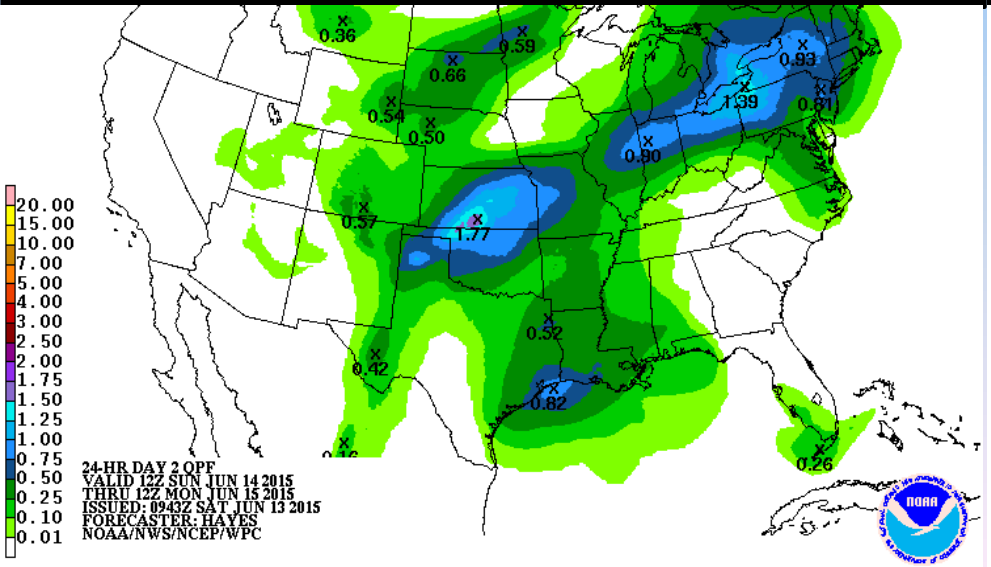
The Red River in Shreveport will be very slow to fall this week.

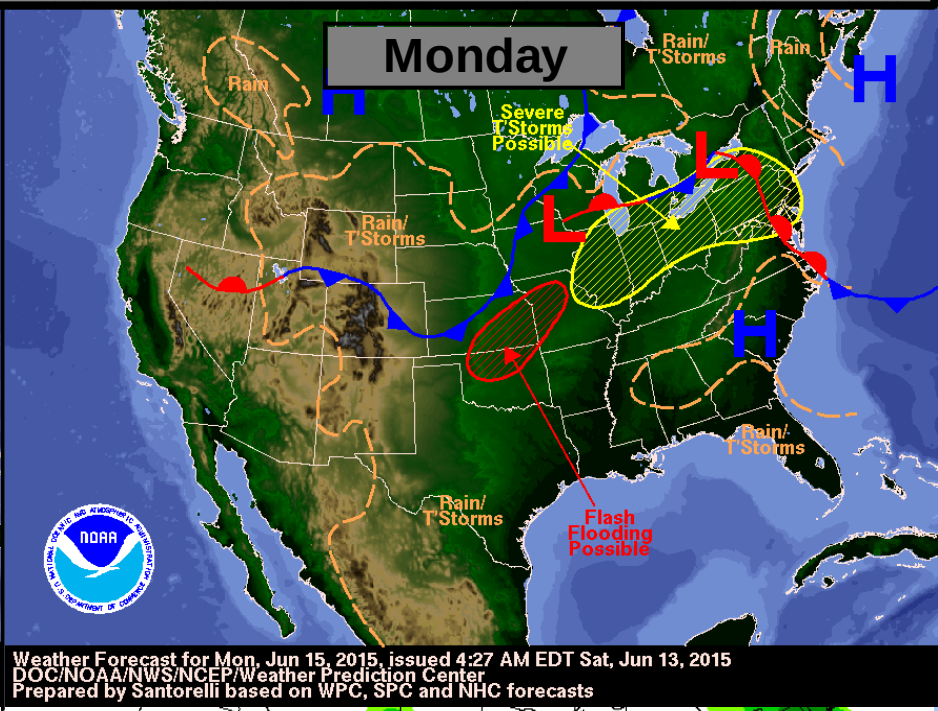
The Red River in Coushatta has crested. This crest ranks as the third highest flood there (highest levels were in 1892 and 1945).

Day 2-3 Weather Maps/Precipitation

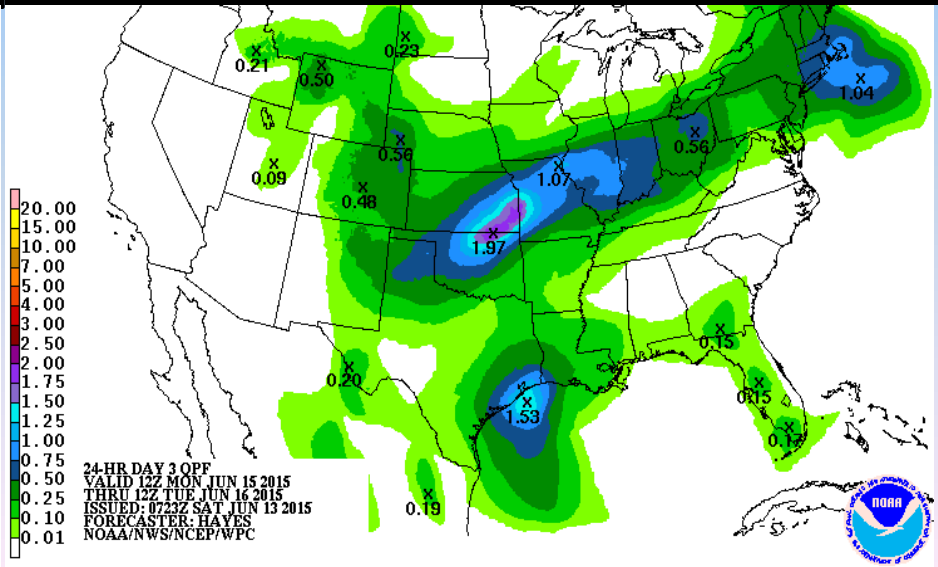


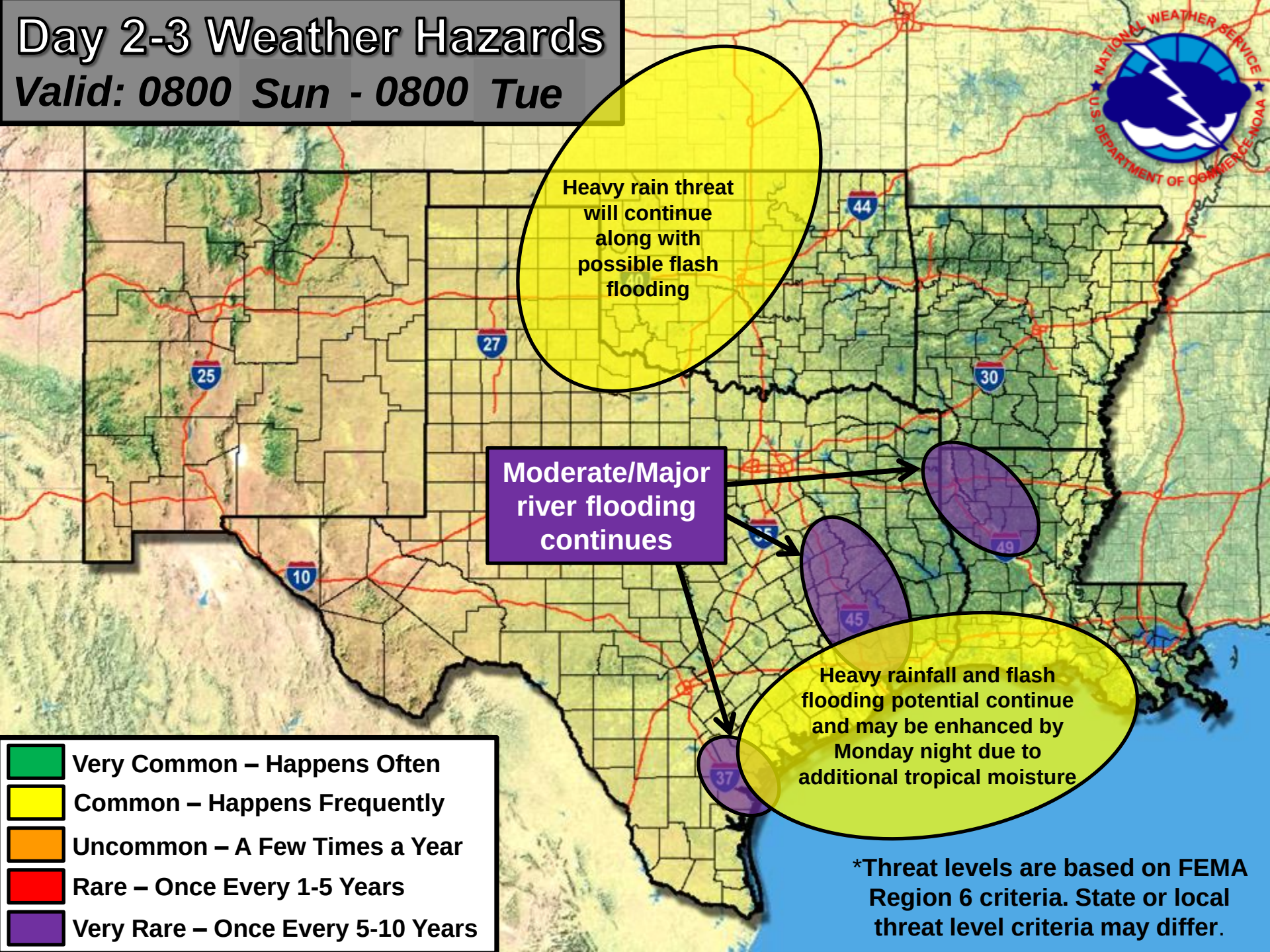
Weather Forecast for Sun, Jun 14, 2015, issued 4:22 AM EDT Sat, Jun 13, 2015
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Santorelli based on WPC, SPC and NHC forecasts





Weather Forecast for Mon, Jun 15, 2015, issued 4:27 AM EDT Sat, Jun 13, 2015
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Santorelli based on WPC, SPC and NHC forecasts




Day 2-3 Weather Hazards
Valid: 0800 Sun - 0800 Tue
NATIONAL WEATHER SERVICE
U.S. DEPARTMENT OF COMMERCE-NOAA
Heavy rain threat will continue along with possible flash flooding
Moderate/Major river flooding continues
Heavy rainfall and flash flooding potential continue and may be enhanced by Monday night due to additional tropical moisture
Very Common – Happens Often
Common – Happens Frequently
Uncommon – A Few Times a Year
Rare – Once Every 1-5 Years
Very Rare – Once Every 5-10 Years
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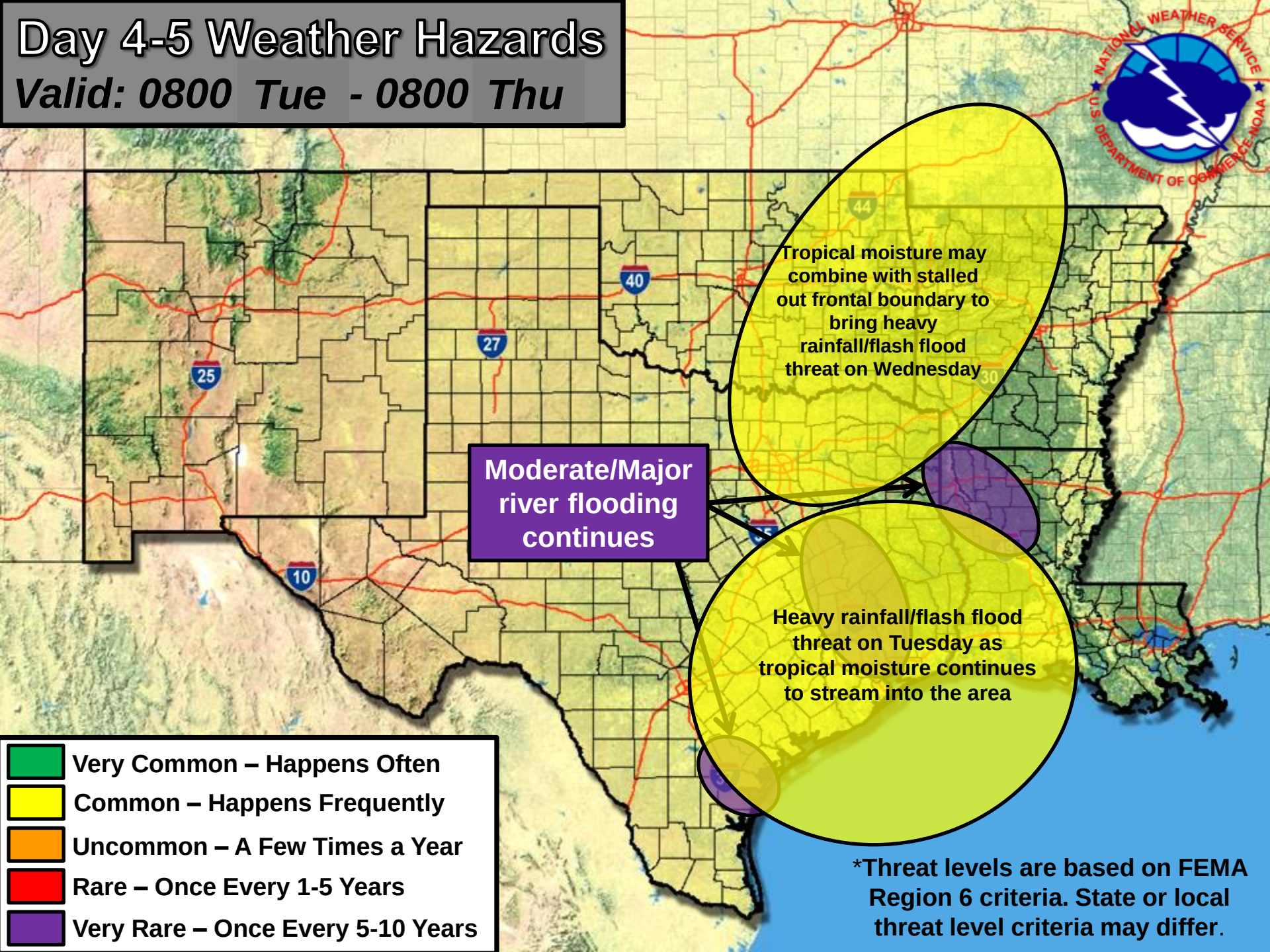
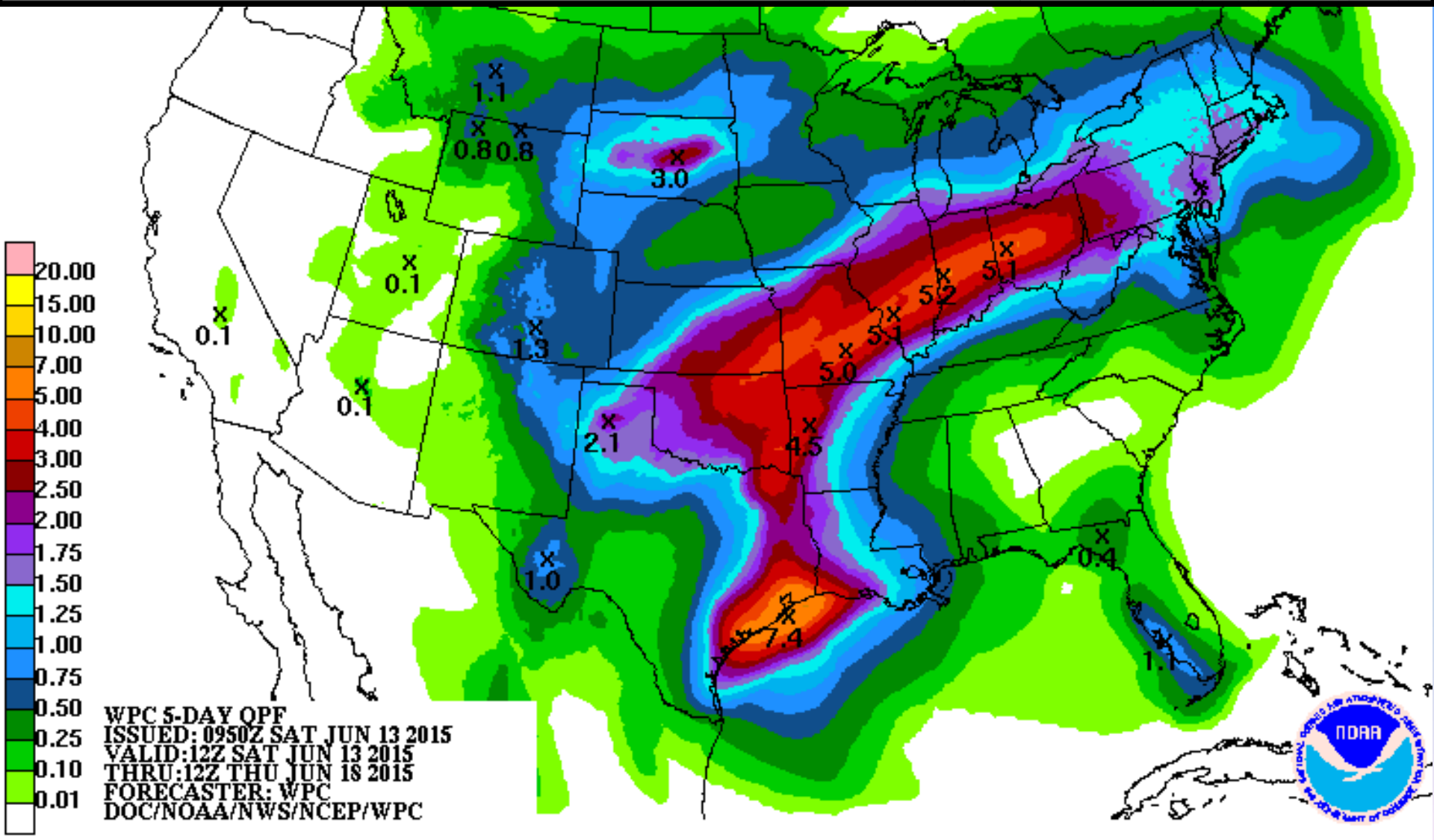

Day 4-5 Weather Hazards
Valid: 0800 Tue - 0800 Thu
NATIONAL WEATHER SERVICE
U.S. DEPARTMENT OF COMMERCE-NOAA
Tropical moisture may combine with stalled out frontal boundary to bring heavy rainfall/flash flood threat on Wednesday
Moderate/Major river flooding continues
Heavy rainfall/flash flood threat on Tuesday as tropical moisture continues to stream into the area
Very Common – Happens Often
Common – Happens Frequently
Uncommon – A Few Times a Year
Rare – Once Every 1-5 Years
Very Rare – Once Every 5-10 Years
*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

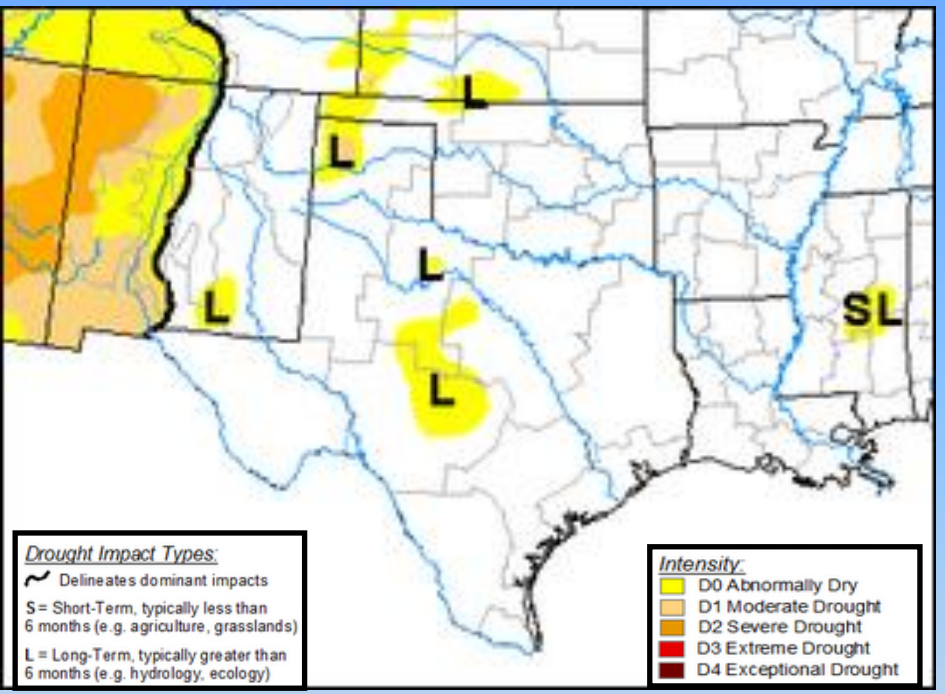
5-Day Precipitation

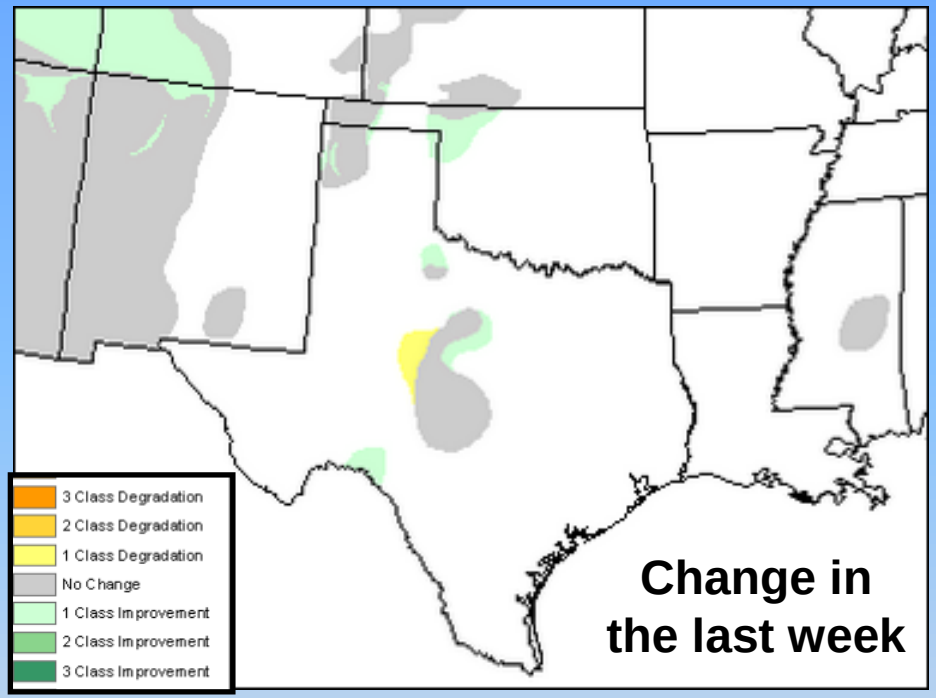
Sat AM - Thu AM



Drought Monitor Released June11th, 2015

Data valid as of Tuesday, June 9th, 2015 at 7AM EST





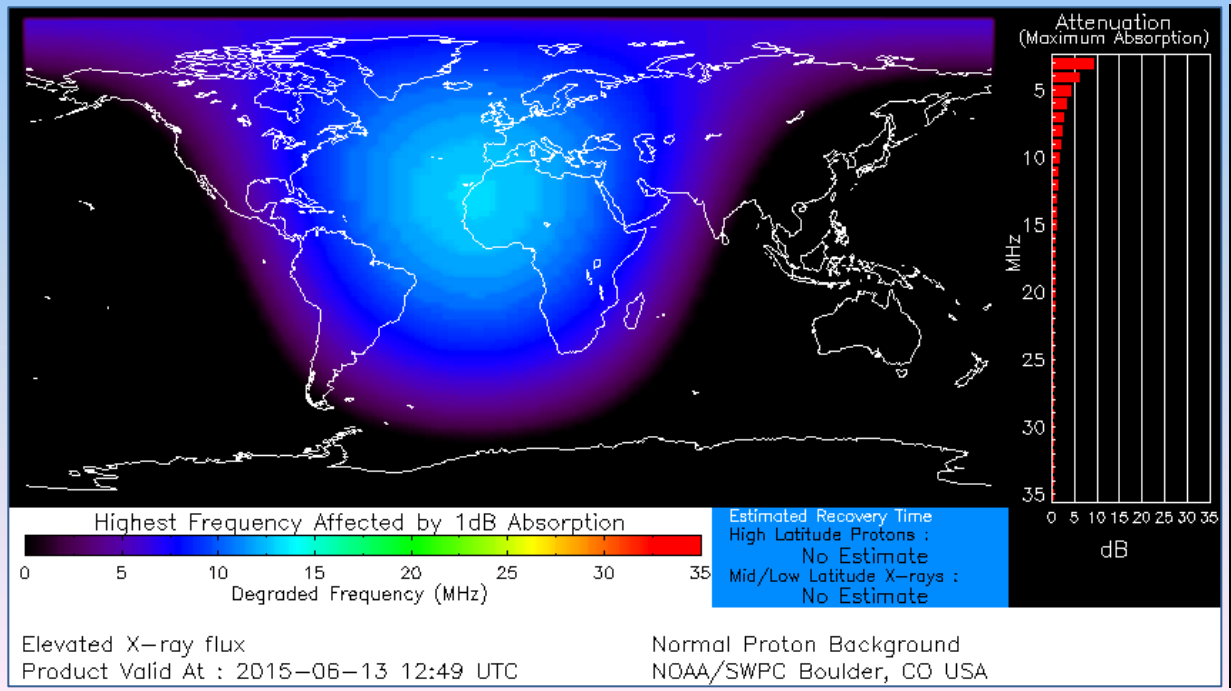
Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)				
State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	28.29%	53.24%
Texas	0.00%	0.00%	11.26%	23.23%
New Mexico	0.00%	0.00%	0.00%	29.24%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

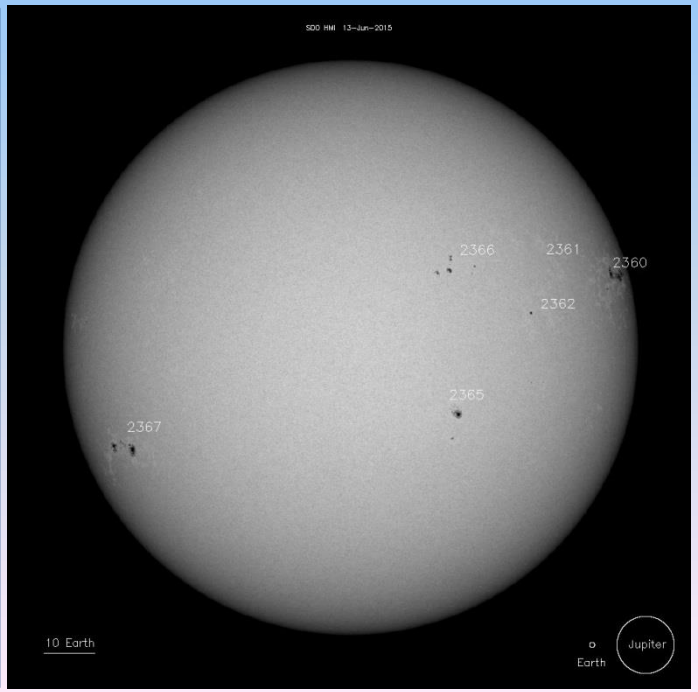
Space Weather 3-Day Forecast

	Saturday	Sunday	Monday
Geomagnetic Storms	Quiet (Max Kp = 2)	Active (Max Kp = 4)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	5%	5%	5%
Radio Blackout (R1-R2)	35%	35%	35%
Radio Blackout (R3-R5)	5%	5%	5%

[Click here for a Description of the Space Weather Storm Scales]

[Click here for the Latest 3-Day Space Weather Forecast Text]





Information provided by:

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